

## BIOSOLIDS COMPLAINT INVESTIGATION FORM

<b>GENERAL INFORMATION:</b>		Date: 7-28-05	
County: Botetourt VDH BUR 85		Contractor/Municipality: Robinson Pipe Cleaning – Roanoke STP	
Name (Farmer): Hubert Martin			
Investigated by: John Schofield – DWE-VDH			
Field #: RO20 Field 3		Acres: 141/ 117 net	
Source of complaint: James Scott, DEQ-WCRO		Date and time of complaint: by e-mail 7/28/05	
Description of complaint: over application of biosolids			
Person interviewed:		Others present:	
<b>FIELD DATA/OBSERVATIONS:</b>		Time: ...am	
Weather:		Soil conditions:	
Biosolids source: Roanoke STP		Biosolids type: liquid	
Soil pH:		Solids content of biosolids (%): ...	
Application rate: lb/acre			
Crop and expected yield:			
Load to date (WT): ... trucks (complete) = ...,000 gal			
Biosolids applied:		(x) Liquid ( ) Dewatered	
Mode of application:		(x) Surface ( ) Surface w/incorporation. ( ) Injection	
Application limited by:		(x) Nitrogen ( ) pH	
		(x) Max. hydraulic loading (liquid biosolids)	
		( ) Max. solids loading (15 dry tons/acre)	
		( ) Other (specify):	
<b>FIELD OBSERVATIONS</b>			<u>YES</u>
Buffers observed:			x
Uniform application:			x
Proper field records: did not check			
Signs of runoff:			x
Trucks non-spill/watertight:			x
Condition of haul route satisfactory:			x
Odors present:		( ) None (x) Normal ( ) Above normal*	
If yes	( ) Ammonia	( ) Sulfides	( ) Septic ( ) Lime ( ) Other
Overall condition of site:		( ) Good (x) Fair ( ) Poor	
<b>COMMENTS:</b>	<p>On July 28, 2002, James Scott notified Cal Sawyer by phone that a complaint had been received at the DEQ-WCRO that biosolids had been applied at noticeably high rates on field RO20-3 on Route 681 in Botetourt County.</p> <p>John Schofield was contacted and subsequently inspected the site on July 28, 2005. He observed that liquid biosolids were applied at depths exceeding one inch on portions of the site. Digital photographs were taken of the application area. John Schofield also inspected the site on July 29, 2005 and established that the applied biosolids continued to exceed a one inch depth in a large area of the site following a drying period of approximately 30 hours. Enforcement procedures were initiated and an NOV was issued dated September 7, 2005. The land applier agreed to modify their operational plan and to conduct training of field personnel. A penalty in the form of funding of a supplemental environmental research project on biosolids is being discussed.</p>		

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